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### 1 [Digital media and entertainment service delivery platform](#)



Christopher J. Pavlovski, Quentin Staes-Polet

November 2005 MSC '05: Proceedings of the first ACM international workshop on  
Multimedia service composition

**Publisher:** ACM

Full text available: [pdf\(415.65 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 268, Citation Count: 0

The emergence of broadband networks, for mobile and fixed environments, has stimulated the multimedia market for the delivery of enriched digital media and entertainment services. A key problem for institutions attempting to capitalize on these new channels ...

Keyw ords: IP multimedia systems, digital media, reference architecture, service delivery platform, tripleplay, web service gateway

## 2 Deploying and managing Web services: issues, solutions, and directions

Qi Yu, Xumin Liu, Athman Bouguettaya, Brahim Medjahed

May The VLDB Journal — The International Journal on Very Large Data  
2008 Bases, Volume 17 Issue 3

**Publisher:** Springer-Verlag New York, Inc.

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Web services are expected to be the key technology in enabling the next installment of the Web in the form of the Service Web. In this paradigm shift, Web services would be treated as first-class ...


**Keyw ords:** Interoperability, Service-oriented computing, Web service management system

## 3 Service oriented architectures: approaches, technologies and research issues

Mike P. Papazoglou, Willem-Jan Heuvel

July The VLDB Journal — The International Journal on Very Large Data  
2007 Bases, Volume 16 Issue 3

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  [pdf\(818.68 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 363, Downloads (12 Months): 680, Citation Count: 0

Service-oriented architectures (SOA) is an emerging approach that addresses the requirements of loosely coupled, standards-based, and protocol- independent distributed computing. Typically business operations running in an SOA comprise a number of invocations ...


**Keyw ords:** Application and service integration, Asynchronous and event-driven processing, Enterprise bus, Service oriented architecture, Web services

## 4 Report of the national workshop on internet voting: issues and research agenda

C. D. Mote, Jr.

May dg.o '00: Proceedings of the 2000 annual national conference on Digital  
2000 government research

**Publisher:** Digital Government Research Center

Full text available:  [pdf\(539.99 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): 31, Downloads (12 Months): 126, Citation Count: 0


As use of the Internet in commerce, education and personal communication has become common, the question of Internet voting in local and national elections naturally arises. In addition to adding convenience and precision, some believe that Internet ...

## 5 [Going wireless, enabling an adaptive and extensible environment](#)

Theo G. Kanter

February 2003 Mobile Networks and Applications, Volume 8 Issue 1

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(483.21 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 79, Citation Count: 0

This paper discusses limitations in existing and projected solutions for delivering applications to mobile users (e.g., in 3G) in an increasingly diverse heterogeneous wireless infrastructure in combination with the on-going deregulation of mobile communication ...


Keyw ords: agents, context, scalability, service, wireless

## 6 [Report of the national workshop on internet voting: issues and research agenda](#)

C. D. Mote, Jr.

May dg.o '02: Proceedings of the 2002 annual national conference on Digital 2002 government research

**Publisher:** Digital Government Research Center

Full text available:  [pdf\(539.99 KB\)](#)

Additional Information: [full citation](#)


**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 175, Citation Count: 0

## 7 [An Internet-based negotiation server for e-commerce](#)

Stanley Y.W. Su, Chunbo Huang, Joachim Hammer, Yihua Huang, Haifei Li, Liu Wang, Youzhong Liu, Charnyote Pluempitiwiriyawej, Minsoo Lee, Herman Lam

August The VLDB Journal — The International Journal on Very Large Data 2001 Bases, Volume 10 Issue 1

**Publisher:** Springer-Verlag New York, Inc.

Full text available:  [pdf\(355.19 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 160, Citation Count: 7


This paper describes the design and implementation of a replicable, Internet-based negotiation server for conducting bargaining-type negotiations between enterprises involved in e-commerce and e-business. Enterprises can be buyers and sellers of products/services ...

Keyw ords: Constraint evaluation, Cost- benefit analysis, Database, E-commerce, Negotiation policy and strategy, Negotiation protocol

## 8 Blind sales in electronic commerce

 E. Aïmeur, G. Brassard, F. S. Mani Onana  
March 2004 I CEC '04: Proceedings of the 6th international conference on Electronic commerce

**Publisher:** ACM

Full text available:  [pdf\(330.05 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 69, Citation Count: 2


We start with the usual paradigm in electronic commerce: a consumer who wants to buy from a merchant. However, both parties wish to enjoy maximal privacy. In addition to remaining anonymous, the consumer wants to hide her browsing pattern and even the ...

Keywords: CAPTCHA, anonymous surfing, cryptography, customer buying behaviour, electronic commerce, oblivious transfer, private information retrieval

## 9 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren  
November 1997 CASCON '97: Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research

**Publisher:** IBM Press


Full text available:  [pdf\(4.21 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 49, Downloads (12 Months): 796, Citation Count: 0

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

## 10 Restful web services vs. "big" web services: making the right architectural decision

 Cesare Pautasso, Olaf Zimmermann, Frank Leymann  
April 2008 WWW '08: Proceeding of the 17th international conference on World Wide Web

**Publisher:** ACM

Full text available:  [pdf\(252.47 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

Recent technology trends in the Web Services (WS) domain indicate that a solution eliminating the presumed complexity of the WS-\* standards may be in sight: advocates of REpresentational State Transfer (REST) have come to believe that their ideas explaining ...

**Keywords:** HTTP, REST, SOAP, WS-\* vs. REST, WSDL, architectural decision modeling, resource oriented architectures, service oriented architectures, technology comparison, web services

## 11 Terrain database interoperability issues in training with distributed interactive simulation



Guy A. Schiavone, S. Sureshchandran, Kenneth C. Hardis

July 1997 ACM Transactions on Modeling and Computer Simulation (TOMACS), Volume 7 Issue 3

**Publisher:** ACM

Full text available: [pdf\(443.34 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 89, Citation Count: 1

In Distributed Interactive Simulation (DIS), each participating node is responsible for maintaining its own model of the synthetic environment. Problems may arise if significant inconsistencies are allowed to exist between these separate world views, ...

**Keywords:** distributed interactive simulation, terrain databases

## 12 An architecture for distributed scenario building and evaluation



Rosemary H. Wild, Kenneth A. Griggs, Eldon Y. Li

November 2005 Communications of the ACM, Volume 48 Issue 11

**Publisher:** ACM

Full text available: [pdf\(273.29 KB\)](#) [html\(32.22 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 165, Citation Count: 0

A Web portal can support collaborative learning and help individuals and organizations plan for an uncertain future.

**13** [Proceedings of the 2008 ACM symposium on Applied computing](#)



Roger L. Wainwright, Hisham M. Haddad

March 2008

proceeding

**Publisher:** ACM

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to the 23rd Annual ACM Symposium on Applied Computing (SAC 2008). This international event is dedicated to computer scientists, engineers, and practitioners seeking innovative ideas in various areas of computer applications. This year, the conference ...

**14** [A 4G generic ANWIRE system and service integration architecture](#)



Ivan Ganchev, Máirtín S. O'Droma, Matthias Siebert, Faouzi Bader, Hakima Chaouchi, Ivan Armuelles, Isabelle Demeure, Fintan McEvoy

January 2006 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 10 Issue 1

**Publisher:** ACM

Full text available: [pdf\(1.09 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 156, Citation Count: 0

This paper proposes a 4G 'Generic ANWIRE system and service Integration Architecture' (GAIA). The relationship between the different GAIA domains is explained and interaction between their functional entities is shown in order to explore various GAIA ...

**15** [A secure and private system for subscription-based remote services](#)



Pino Persiano, Ivan Visconti

November 2003 ACM Transactions on Information and System Security (TISSEC), Volume 6 Issue 4

**Publisher:** ACM

Full text available: [pdf\(241.65 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 105, Citation Count: 2

In this paper we study privacy issues regarding the use of the SSL/TLS protocol and X.509 certificates. Our main attention is placed on subscription-based remote services (e.g., subscription to newspapers and databases) where the service manager charges ...

**Keywords:** Access control, anonymity, cryptographic algorithms and protocols, privacy, world-wide web

## 16 Intelligent pervasive middleware for context-based and localized telematics



### services

Chatschik Bisdikian, Isaac Boamah, Paul Castro, Archan Misra, Jim Rubas, Nicolas Villoutreix, Danny Yeh, Vladimir Rasin, Henry Huang, Craig Simonds  
September 2002 WMC '02: Proceedings of the 2nd international workshop on Mobile commerce

**Publisher:** ACM

Full text available:  [pdf\(565.14 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 116, Citation Count: 0

Telematics is arguably the next-wave in mobile computing: with most cars already equipped with multiple embedded computing platforms, we shall witness the development of a variety of mobile services and applications with significant commercial potential. ...

Keyw ords: pervasive computing, telematics

## 17 The interoperability of learning object repositories and services: standards,



### implementations and lessons learned

Marek Hatala, Griff Richards, Timmy Eap, Jordan Willms  
May 2004 WWW Alt. '04: Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters

**Publisher:** ACM

Full text available:  [pdf\(258.81 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 190, Citation Count: 0


Interoperability is one of the main issues in creating a networked system of repositories. The eduSource project in its holistic approach to building a network of learning object repositories in Canada is implementing an open network for learning services. ...

Keyw ords: interoperability, learning object repositories

## 18 Service discovery in agent-based pervasive computing environments

Olga Ratsimor, Dipanjan Chakraborty, Anupam Joshi, Timothy Finin, Yelena Yesha  
December 2004 Mobile Networks and Applications, Volume 9 Issue 6

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(443.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 150, Citation Count: 1

Directory based service discovery mechanisms are unsuitable for ad-hoc m-commerce environments. Working towards finding an alternate mechanism, we developed Allia: a peer-to-peer caching based and policy-driven agent-service discovery framework that ...

Keyw ords: advertising, agents, caching, device preferences, device profiles, mobile service discovery


## 19 Location-aware mobile applications based on directory services



Henning Maass

August 1998 Mobile Networks and Applications, Volume 3 Issue 2

**Publisher:** ACM

Full text available:  [pdf\(421.47 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 94, Citation Count: 8

Location-aware applications are becoming increasingly attractive due to the widespread dissemination of wireless networks and the emergence of small and cheap locating technologies. We developed a location information server that simplifies and speeds ...


## 20 A mobile computing middleware for location- and context-aware internet data services



Paolo Bellavista, Antonio Corradi, Rebecca Montanari, Cesare Stefanelli

November 2006 ACM Transactions on Internet Technology (TOIT), Volume 6 Issue 4

**Publisher:** ACM

Full text available:  [pdf\(316.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 37, Downloads (12 Months): 580, Citation Count: 0

The widespread diffusion of mobile computing calls for novel services capable of providing results that depend on both the current physical position of users (location) and the logical set of accessible resources, subscribed services, preferences, and ...

Keyw ords: Mobile computing, adaptive services, context awareness, location awareness, middleware, mobile agents, policies



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